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(54) Title: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH KALLIKREIN 5 (KLK5)

(57) Abstract: The invention provides a human KLK5 which is associated with the dermatological diseases, cardiovascular dis-
eases, endocrinological diseases, metabolic diseases, cancer, gastroenterological diseases, hematological diseases, inflammation,
muscle-skeleton diseases, reproduction disorders, neurological diseases and urological diseases. The invention also provides as-
says for the identification of compounds useful in the treatment or prevention of dermatological diseases, cardiovascular diseases,
endocrinological diseases, metabolic diseases, cancer, gastroenterological diseases, hematological diseases, inflammation, mus-
cle-skeleton diseases, reproduction disorders, neurological diseases and urological diseases. The invention also features compounds
which bind to and/or activate or inhibit the activity of KLK5 as well as pharmaceutical compositions comprising such compounds.

WO 2005/078123 A1